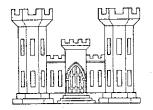
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## Dredged Material Research Program



**TECHNICAL REPORT D-77-30** 

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## AQUATIC DISPOSAL FIELD INVESTIGATIONS COLUMBIA RIVER DISPOSAL SITE, OREGON

APPENDIX E: DEMERSAL FISH AND DECAPOD SHELLFISH STUDIES

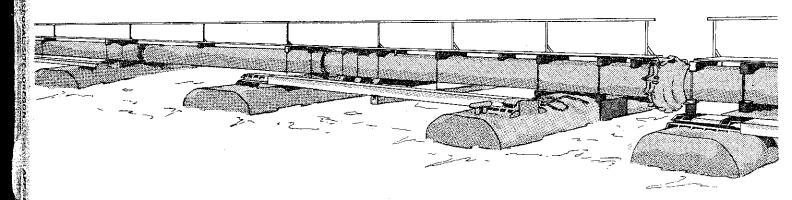
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National Marine Fisheries Service Hammond, Oregon 97121

> November 1977 Final Report

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Under DMRP Work Unit No. 1A07E

Wonitored by Environmental Effects Laboratory
U. S. Army Engineer Waterways Experiment Station
P. O. Box 631, Vicksburg, Miss. 39180

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26. ABSTRACT (Continue on reverse side if necessary and identity by block number)

Information is provided on 51 finfish and 13 decapod shellfish found at five sites off the Columbia River mouth. The effects of a controlled sediment release by hopper dredges on these indigenous species were studied between October 1974 and April 1976. An initial nine-month phase provided biological information at four sites with a fifth site included in July 1975, as an experimental deposition area. The dredges HARDING and (Continued)

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